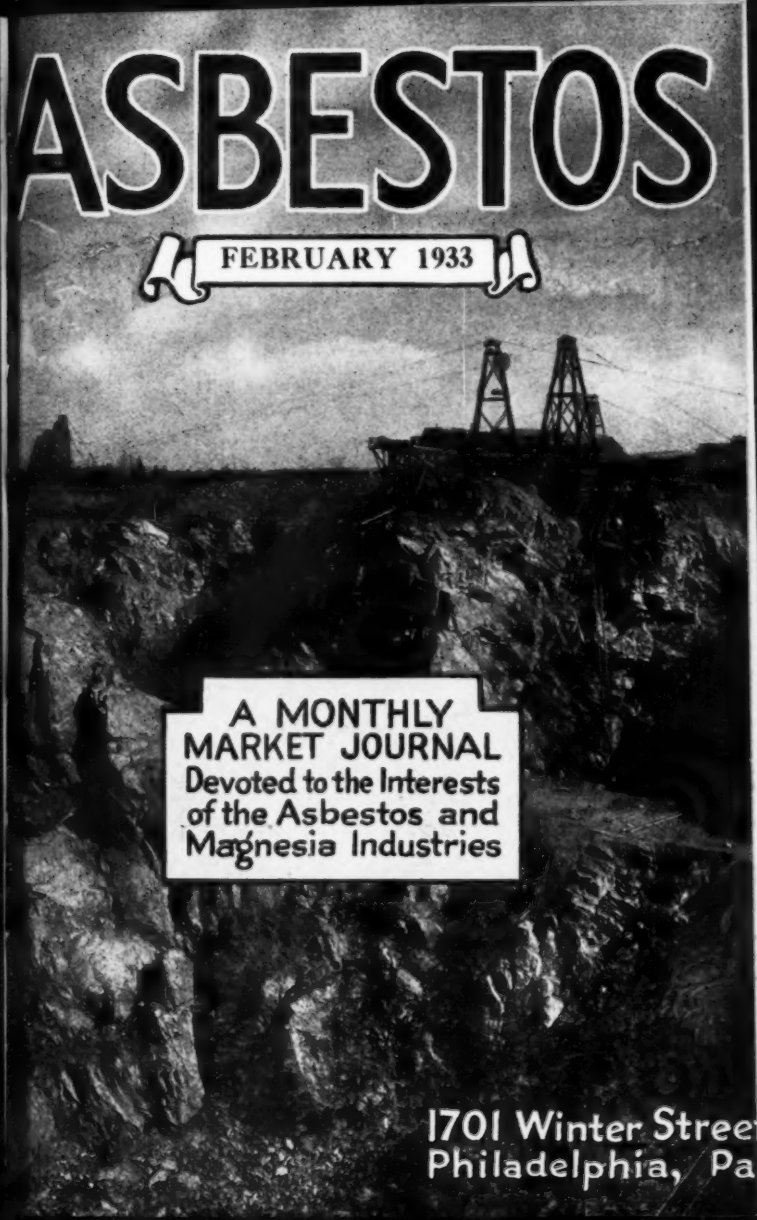
# ASBESTOS

FEBRUARY 1933



A MONTHLY MARKET JOURNAL
Devoted to the Interests of the Asbestos and Magnesia Industries

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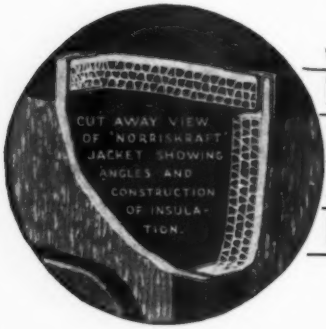


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NORRISTOWN MAGNESIA and ASBESTOS CO.
Norristown, Penna.

# ... ASBESTOS ...

A MONTHLY MARKET JOURNAL
DEVOTED TO THE INTERESTS OF THE
ASBESTOS AND MAGNESIA INDUSTRIES

A. S. ROSSITER - - EDITOR

PUBLISHED BY SECRETARIAL SERVICE
1701 Winter Street
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Volume XIV FEBRUARY 1933 Number 8

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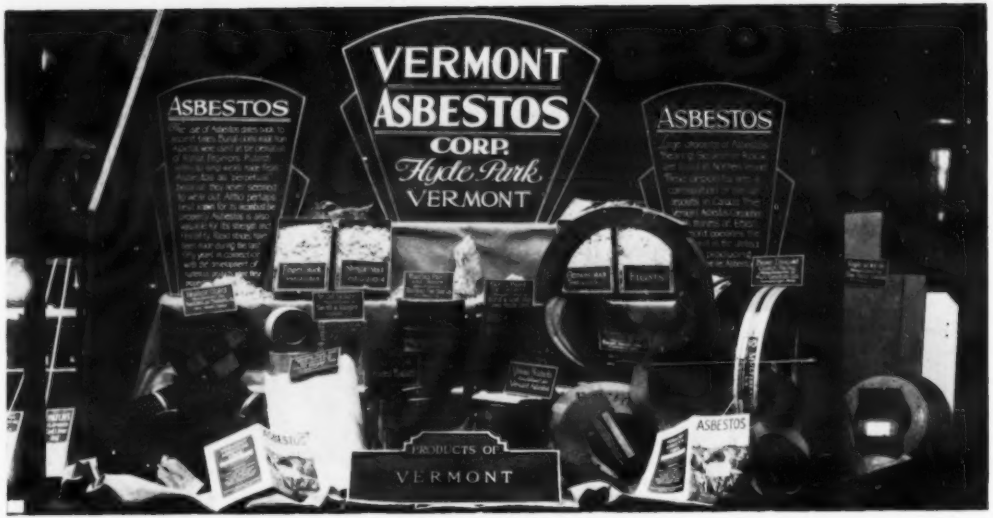


*The display of Vermont Asbestos and Products made therefrom, which has been on display at the North Station in Boston during the month of January. Note the magazine "ASBESTOS" in the foreground.*

# Asbestos in Photography

By Frank B. Walton

Once more asbestos proves to be the deciding factor. This time it swings the balance to favor photographic science or, to be exact, the photoflash lamp—a late invention by the General Electric in the craft of indoor picture taking.

If you are not one of those amateur camera fans who are up to the minute with the operation of the lamp, perhaps you don't know what the photoflash really means. A few words of explanation are all that is required to become acquainted with this boon to the professional in general, and the amateur in particular.

The photoflash is a 100 watt lamp. Externally, it differs in no way from the size that is sold in the market, which we have all seen. Internally, of course, there is a vast difference, for it contains crumpled aluminum foil at the top, and beaten so thin that 175 layers are necessary to equal the thickness of the ordinary newspaper page. The aluminum foil gives the brilliant flash, chief requisite, when pictures are taken without sunlight.

The lamp does away at once with the magnesium flash and its ever present smoke nuisance, with fire hazard. The action of the photoflash is confined within the glass entirely. It is harmless, smokeless, noiseless, and while combining these qualities does not lose any of the brilliance of the method that it has supplanted. The speed too, is remarkable—one fiftieth of a second being the time that it requires. So rapidly does it occur, the subject has not time to change the expression of his face, and the result is a natural picture.

The aluminum foil is ignited by electricity; either the house socket may be used, or a hand battery employed. The current is turned on just as an ordinary light.

In the first stages, a paper disc was to be found within the lamp, also. The disc was to serve two purposes. The first was simple—the paper was used to prevent the aluminum foil from sliding down into the narrow end of the lamp, thus becoming tangled and interfering with the

full volume of the flash. The paper disc was sufficient for this need.

The second purpose, which was vitally important, since the whole success of the photoflash was dependent on its performance, was not supplied, or could not be supplied by the plain paper disc, satisfactorily enough to those who were conducting the experiments.

The paper disc affected the flash. This may seem peculiar to us ordinary mortals when we consider the time needed—one fiftieth of a second. But to quote the words of R. E. Worstell of the General Electric: "Asbestos rather than paper is used because it contains very little in the way of impurities which might be given off in the form of gas and affect the action of the lamp. As a matter of fact we have made lamps having a paper disc but found that it contained some type of binder that affected the flash."

Thus does asbestos fill both purposes demanded, and contribute its share to supplying a long felt want, not among the professional photographers so much as it does among the amateurs.

# Twenty Years or More

(Continued from Our January Number)

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# Asbestos Fibre

*for the manufacture of*

Roofing Cements · Fibrous Paints
Filtration Packings
Asbestos Shingles and Lumber
Insulating Cements
Asbestos Paper · Pipe Coverings
Asbestos Millboard
High Temperature Cements

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*Office and Mines*
EAST BROUGHTON, PROVINCE *of* QUEBEC
CANADA

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F. G. Leahy, General Manager of Beldam Asbestos Co., Ltd., of Hounslow, England, was listed by us in January as having been in the Asbestos Industry for 21 years. We now learn that Mr. Leahy has been in the Industry 31 years, having been General Manager of Beldam Asbestos Co., Ltd., for 21 years.

---

I have been in the Asbestos business since 1907, when I was connected with the Asbestos import firm Ludwig Nauen, Hamburg; from 1908 to 1910 I resided in New York and visited the Canadian mines for the first time. In May 1910 I started an Asbestos import business in Hamburg representing that time the B. & A. Asbestos Co., and handled other material for own account. After the war I became Middle European agent of the Asbestos & Mineral Corporation, New York, and at the present time am agent for the Keasbey & Mattison Co., Ambler, Pa., for the Bell Mine and the Bear Canyon Mine. I am also representing the Cape Asbestos Company, Ltd., London, for Amosite

*From*

# CRUDE ORE

*to*

# FINISHED PRODUCT

Johns-Manville carries on the entire manufacturing process of asbestos. Mines in Arizona and Canada, thirteen factories located strategically across the continent and branch offices in all large cities assure prompt and efficient service.

In a hundred ways Johns-Manville products contribute to the comfort of modern life and to the efficiency of industrial establishments. Packings, high temperature insulations, refractory cements, low pressure insulations, asbestos roofings, brake linings and industrial friction materials, flooring and acoustical treatment form some of the major items manufactured by Johns-Manville.

Through constant research in the J-M Laboratories, scores of other items have been developed, important to the economic and physical welfare of people throughout the country.

## Johns-Manville

EXECUTIVE OFFICES: NEW YORK

*Branches In All Large Cities*

JOHNS-MANVILLE
JM
PRODUCTS

and Blue Asbestos. I am a regular very interested reader of your paper. *Ernest Keiler, Jr.*

I entered the employ of the New Jersey Asbestos Company on April 13, 1902, as an office boy.

*H. S. Fitz Gibbon.*

I entered the field of heat and cold insulation in 1900 as a salesman for the old Nightingale & Childs Co. of Boston. This company was one of the first agencies for the insulation products of the Keasbey & Mattison Company and the first to exploit 85% Magnesia Covering in New England. I remained with the Nightingale & Childs Company until the autumn of 1927, when I became associated with the Asbestos Covering & Textile Company of Boston. From the outset I was greatly interested in the conservation of energy, and now, after over thirty years in this field I have a deeper interest and a warmer enthusiasm for heat and cold insulation than ever, because I feel that the conservation of heat by proper insulation is the life insurance of all industrial processes and one of the most important factors in promoting the economy and happiness of human life in general. *L. C. Parker.*

I have been connected with the Asbestos Industry for forty years and will feel highly honored to have my name listed among other oldtimers of the Industry. As I remember, I started working in 1892 for the Manville Covering Company of Providence, R. I., and continued doing so for about six years. I then joined the old H. W. Johns-Manville Co. and was employed in their New England Contracting Department for twenty-nine years. When they went out of the contracting business I and my son started a business of our own whereby we were the Johns-Manville Approved Contractors and Retailer in Western Massachusetts, and Vermont. We were, and still are, known as the Johnson Asbestos Company, located in Springfield, Mass. I read every copy of "ASBESTOS" and certainly enjoy it. Every copy seems to have at least one article of especial interest to me. *Nels A. Johnson.*

ASBESTOS

# Bell Asbestos Mines

THETFORD, P. Q., CANADA

• • •

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HIGHEST quality asbestos—crudes and fibers—of all grades. For the manufacture of asbestos products. *Shipped to all parts of the world.*

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Write for samples of the grade you're interested in, prices, and for "Asbestos Milling and Dressing for the Market," which tells all about the advanced methods of modern asbestos production.

*A few territories are still available for Approved Distributors and Contractors. Correspondence is invited from reliable concerns who desire this opportunity for profitable distribution.*

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Genoa, Italy

S. KAWASAKI & CO., LTD.,
No. 3 Isokami Dore 1 Chome,
Kobe, Japan

# Advertise Progress

## And So Combat Depression

Advertising the favorable factors, rather than the unfavorable, is one way to combat the depression, and this is the aim of the Travel and Industrial Development Association of Great Britain and Ireland.

In the Monthly News Bulletin of this Association for January, at least forty items covering various improvements, large orders, new inventions, etc., are published.

It seems to be a good idea and one which all of us might well follow. Instead of talking depression, talk progress.

We offer our pages for news of progress made. Will each of our readers send in at least one item which tells of some improvement in material, in plant, in personnel, a large order for some asbestos product, or even a small one if it indicates the starting up of some important industry.

Let us make the March number a real non-depression number. We depend on you to give us the material and we will agree to write it up in non-depressionistic style.

And we'll lay a bet that before the April number is off the press everyone will be feeling prosperous.

A firm in South America contemplates the manufacture of asbestos cement products, particularly corrugated sheets, and is inquiring as to machinery necessary, and detailed information concerning the laying out of a plant of this kind. If anyone is interested we will be glad to supply names and addresses upon request.

FOR SALE
9000 First Grade Standard Size
CALCINED INSULATING BRICKS
High Quality :: Bargain
Address Box 2K-N, "ASBESTOS"

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*Established in 1875*

*Head Office*

**Thetford Mines, P. Q., Canada**

*Mines*

**Thetford, P. Q.**
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New Mill at Thetford Mines now in operation. Shall be glad to submit samples of new grading upon request.

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*Canadian Crude*
*Canadian Spinning Fibre*
*Canadian Shingle Fibre*
*Russian Crude*
*Rhodesian Crude*
*South African Blue Crude*
*South African Yellow Crude*

ASBESTOS LIMITED INC.
**West 40th Street : New York City**

**Works: MILLINGTON, N. J.**

# John-Mansville "Glorifies" Asbestos at the Chicago World's Fair

Asbestos, long the faithful Cinderella of Modern industry, will finally come into its own at the Chicago "Century of Progress" Exposition. Johns-Manville has turned the spotlight on this humble material, and in its unique Exhibition Building, pictured above, will trace the story of Asbestos through the ages and dramatize its present tremendous service to industry.

Even the building which will house the Johns-Manville exhibit is made of Transite, which as our readers know, is an asbestos product, composed of asbestos fibres and portland cement, formed under high pressure into monolithic sheets of great structural strength and rigidity.

Inside the large, semi-circular section will be the 90 foot mural, designed by Leo Katz, world-famous Viennese artist. In this mural the artist gives artistic expression to the phrase, "Control of Nature is the Creative Prayer of Genius". In four panels, Genius, divinely inspired, is pictured conquering four great forces of nature — the whole concept representing the "Four Controls of Industry", made possible to a large extent thru Asbestos.

How Alexander, sighing for new worlds to conquer,

would have welcomed the proposal to give him control of Sound, Motion, Heat and Cold, Fire and Weather! And yet this is what Johns-Manville offers to Industry today, and it is this story, not only of service to industry, but of service to mankind as well, that the artist depicts in this mural.

First, Control of Sound — the practical application of constructive and corrective acoustical science to public buildings, and of noise reduction principles in factories and offices — reducing sound, as it relates to building interiors, to an exact science.

Control of Motion. The wheels of industry, turning faster and faster, build up an ever-increasing demand for adequate deceleration and control. To meet this need, Johns-Manville manufactures brake linings and brake blocks — a type of friction material for every service condition. Many of these products, in their construction, utilize the long-lived, fireproof asbestos.

Control of Heat and Cold — Insulation — saving Industry staggering figures each year thru the elimination of heat and energy losses. Here again, Asbestos plays an important part in the manufacture of insulating materials.

Fire and Weather Control — featuring the ubiquitous asbestos cement shingle, which is fireproof and weatherproof; as well as other asbestos products in the building material line, all adding immeasurably to our comfort and security.

A remarkable record of achievement, with each "control" operating for the greater safety, acceleration and efficiency of industry.

Carrying out concretely the abstract idea embodied in the mural, four practical displays will be arranged in the main hall. Again these displays conform to the classification of the Four Controls of Industry. Here the actual products which make possible these controls will be shown—a complete line of Johns-Manville Friction Materials and Brake Blocks, every type and style of Acoustical Correction and Sound Control Treatment, Insulating Materials for every service condition—the building materials which contribute their share in the control of heat

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and cold. In each case a complete range of products will be shown with practical uses and actual applications of the material.

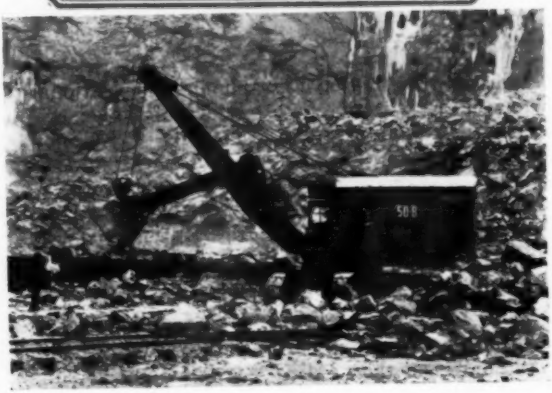
Another exhibition of particular interest will be the display of asbestos products, tracing the manufacture of each product from the mine to the finished article, illustrating the various steps in the progress from raw material to commercial product. It will be a record that transcends the individual achievements of the company and that will stand as a record of the accomplishments of the industry as well.

# Resolution by Asbestos Brake Lining Association

William Brookes came to the United States eight years ago to represent English principals against great odds and in a highly competitive field he built up an outstanding business. As his competitors, we came to know him as not only an honorable and high-minded business man, promoting and practicing the highest business ethics but also as a friend and a leader. This respect led to his election to the presidency of the Asbestos Brake Lining Association and now that we are called upon to meet without him, the Association in meeting assembled at New York on this eleventh day of January, 1933, has:

RESOLVED: That the members of the Association deeply regret the passing of William Brookes and tender their deepest sympathy to Mrs. Brookes and to his former associates. The loss of William Brookes as a member of the Asbestos Brake Lining Association and the loss of his personal influence and our contacts with him will be deeply felt. It is further resolved that a copy of this resolution be spread upon the minutes of the Association and that a copy be sent to Mrs. Brookes and to the Directors of Ferodo & Asbestos, Incorporated.

# ASBESTOS



*Power Shovel in the Beaver Pit*

## ASBESTOS CORPORATION LIMITED

**THETFORD MINES**

**QUEBEC** **CANADA**

# ASBESTOS

# MARKET CONDITIONS

**General Business.**

Perhaps the first paragraph in the National City February letter will give a better idea of the general business situation than pages of comment: "The new year has begun quietly in business and the markets and general economic conditions show no significant change." After describing conditions in several of the basic industries, the letter continues: "This brief description suggests that the general attitude is one of waiting for further developments in the situation, and undoubtedly this is the case."

**Asbestos—Raw Material.**

Shipments of Canadian asbestos during December were rather larger than anticipated but January shipments were low. Prices remain unchanged. Naturally very little business originates in Europe at this time of year, due to the necessity of hauling fibre to the port of West St. John which involves considerably increased railway freight cost over the summer rates via Quebec. Shipments of short grades to the United States were quite heavy up to the end of the year and apparently there is very little reserve stock now available at the various Canadian mines.

**Asbestos—Manufactured Goods.**

*Textiles.* There has been absolutely no change in this market. Prices are still very low and with very little stability, which is demonstrated when a good sized order comes along.

*Brake Lining.* Automobile production, which is lower than last year and only about half what it was a few years ago, naturally affects very greatly the brake lining market, altho this may be compensated for to some extent by increased replacement business.

*Insulation. Low Pressure.* This market is very slow at the present time, due to the season, and also to the fact that building has fallen off so tremendously in the last year

or two. Prices, however, are holding up very well.

*Insulation. High Pressure.* Volume of sales continues to shrink to levels only comparable to pre war conditions. Even with firm prices study of 1932 balance sheets and earnings statements indicates husky losses. To compensate for shrinkage in volume Magnesia *should* be selling at about 50% off list factory and Hi Temp at about 25% off list factory. Our readers all know how very far away from these prices are going quotations.

*Paper and Millboard.* Volume is still off in the paper and millboard market.

*Asbestos Cement Products.* Conditions remain unchanged in the Asbestos Shingle field with sales at their usual low ebb due to seasonal inactivity.

Very little change in the corrugated and flat sheet markets. Demand here is low, as this material is mostly used for industrial building.

The above are opinions gathered from various parts of the Industry, all from those closely in touch with markets. If your opinions differ, we would be glad to know your ideas.


**RUSSIAN ASBESTOS**

OF

ALL GRADES TO SHORTS

FOR TEXTILES, SHINGLES, MOULDED BRAKE LININGS, 85% MAGNESIA COVERINGS, ETC.

EXTREMELY STRONG

ASK FOR SAMPLES AND PRICES

**AMTORG TRADING CORPORATION**

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OR

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8 WEST 40TH STREET NEW YORK, N. Y.

# CONTRACTORS AND DISTRIBUTORS PAGE

## GET READY FOR THE TURN IN BUSINESS

Contributed

The eyes of every business man in this industry are directed today on possible outlets for our products.

There is but little hope that new building will give a satisfactory volume in the near future and it therefore behooves everyone to develop other sources to their limit. An intelligent survey can bring to the surface untouched markets and it is to stimulate this form of outlet that this article is written.

In boom times there is a movement from the older office buildings, warehouses and homes, into higher priced and more modern buildings. In times of business recession the movement reverses itself to the extent that cheaper quarters are sought for in every form of rental.

Having been educated to modern quarters, however, when the movement starts toward more economical homes or offices the buyer is still looking for the most modern facilities for his dollar.

There are today many switches of this kind taking place and as soon as the slightest encouragement in the form of work is given, many of the families which have doubled up in the past few years will be out seeking a new home.

It should be a comparatively easy matter to sell the real estate owners on the idea that a few dollars spent on renovating and modernizing heating plants, putting asbestos wall tiles in antiquated bath rooms, etc., will put him in position to rent the property more easily.

And a multiplication of these jobs would soon mean good business.

## BUILDING

December construction contract total for the 37 states east of the Rocky Mountains, according to F. W. Dodge Corporation, was $81,219,300, compared with $105,302,300 for November, and $136,851,600 for December 1931.

Total construction for the year 1932 was $1,351,158,700 against $3,092,849,500 for 1931. Losses were general for each of the four major construction classes.

# 30 YEARS EXPERIENCE

FOR 30 years, we have specialized in the production of quality asbestos textiles.

Beginning with the crude asbestos rock, every process of manufacture is conducted in our splendidly equipped plant.

Our research laboratories and engineering staff have developed asbestos products accepted and used in a wide range of industries.

Experience, knowledge, facilities, resources: these essential factors enable us to design and make asbestos textiles of every character and for all purposes.

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*of*
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**INCORPORATED**
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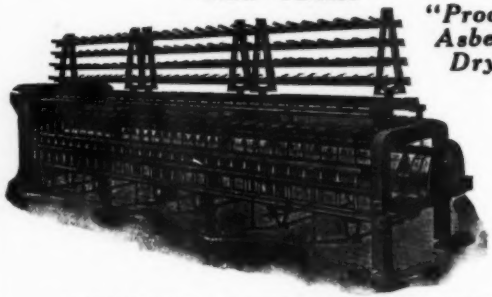
# High-Grade Asbestos Textiles

CARDED FIBRES
YARNS, CORD, MANTLE YARNS
PLAIN AND METALLIC CLOTHS
BRAIDED AND WOVEN TAPES
BRAIDED TUBINGS
WOVEN SHEET PACKINGS
WOVEN BRAKE LININGS
GLOVES, MITTENS, LEGGINS
GASKETS, SEAMLESS AND JOINTED
PACKINGS, STEM AND HIGH PRESSURE
WICK AND ROPE

**ASBESTOS FIBRE SPINNING COMPANY**
NORTH WALES, — PENNA.

*ASBESTOS YARN MACHINERY*
*"Smith - Furbush"*

*"Proctor" Asbestos Dryers*



**PROCTOR & SCHWARTZ, INC.**
*Formerly Smith & Furbush Machine Co.*
Seventh St. & Tabor Rd., Philadelphia, Pa.

# Little Lessons in Selling

## YOUR SELF CONTROL

By John T. Bartlett

It is a fundamental in salesmanship that the salesman cannot act as he feels much of the time. He has a bad headache — but cannot show it. He is annoyed because the garageman overcharged for a trifling repair —but to his prospect he must appear a tranquil, cheerful person.

Perhaps he has just lost a sale on which he had based great hopes. He has worked hard for it. Disappointment is deep. He cannot show his disappointment.

Self control! The salesman must possess it as ordinary people do not. And, in some respects, it is more difficult for the salesman type to develop self control than others, because this type is very sensitive. It has to be to note what is going on in the other man's mind, to measure reactions to arguments, to sense the strategy to follow in order to arrive at a sale.

Self control is, first, a matter of inclination. The salesman realizes this importance, and determines to possess it. It is, next, a matter of cultivation.

The salesman should cultivate self-control away from work as well as at it. He should realize that it is dangerous for him to follow negative lines of thought. It is dangerous for him to indulge his unhappy moods. Determination — exercise — practice — will make the salesman a master over his feelings. And when he possesses that mastery he can hope to control the feelings of others.

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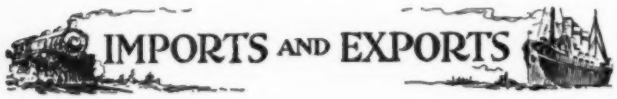
The operation of the winter Share-the-Work plan in the Akron factories of the B. F. Goodrich Co., since October 1st, has resulted in the retention or the recall of approximately 500 workers.




**Imports Into U. S. A.**

*Unmanufactured Asbestos.*

| | December 1931 | | December 1932 | |
|---|---|---|---|---|
| | Tons (2240 lbs.) | Value | Tons (2240 lbs.) | Value |
| Africa (Br. S.) | 39 | $ 4,877 | 334 | $ 30,209 |
| Canada | 5,989 | 161,138 | 6,426 | 147,324 |
| Italy | 2 | 1,518 | 143 | 3,039 |
| | 6,030 | $167,533 | 6,903 | $180,572 |

*Tabulation of Crudes and Fibres:*

Imports from Italy during December 1932 covered 141 tons of lower grades valued at $1,859, and only 2 tons of Crude, valued at $1,180. Those from British South Africa were all Crude, while those from Canada consisted of 7 tons of Crude, valued at $1,800; 2,201 tons of Mill Fibre valued at $91,572 and 4,218 tons of lower grades, valued at $53,952.

*Manufactured Goods:*

| | December 1931 | | December 1932 | |
|---|---|---|---|---|
| *Yarn*— | Pounds | Value | Pounds | Value |
| Germany | 500 | $ 2,226 | ..... | ..... |
| United Kingdom | 1,068 | 476 | 3,855 | $ 1,451 |
| *Fabrics, Woven*—None. | | | | |
| *Packing, Fabric*— | | | | |
| Czecho-Slovakia | ..... | ..... | 909 | 210 |
| United Kingdom | 1,046 | 556 | 1,297 | 494 |
| *Packing, Not Fabric*— | | | | |
| Austria | 14,393 | 4,117 | 10,270 | 2,827 |
| Germany | 9,430 | 3,243 | 146 | 64 |
| Hungary | 864 | 610 | ..... | ..... |
| United Kingdom | 656 | 161 | 380 | 91 |
| *Shingles and Slates of Asbestos Cement*— | | | | |
| France | 55,781 | 755 | ..... | ..... |
| *Lumber of Asbestos Cement*—None. | | | | |
| *Paper and Millboard*—None. | | | | |
| *Asbestos Cement*—None. | | | | |
| *Brake and Clutch Lining, Molded, Pressed and Formed*—None. | | | | |
| *Brake and Clutch Lining of Woven Fabric*— | | | | |
| Germany | 12,779 | 2,518 | 120 | 25 |
| United Kingdom | 900 | 213 | ..... | ..... |
| *Other Manufactures*— | | | | |
| Germany | ..... | ..... | 15 | 13 |
| Total | 97,417 | $14,875 | 16,992 | $ 5,175 |

**Exports from U. S. A.**

*Exports of unmanufactured asbestos* during November[1] 1932, amounted to 137 tons, valued at $3,063, compared with 61 tons, valued at $6,408 in November[1] 1931.

*Exports of manufactured Asbestos Goods:*

| | November 1931 | | November 1932 | |
|---|---|---|---|---|
| | Pounds | Value | Pounds | Value |
| Paper, Mlbd. and Rlbd. | 89,353 | $27,851 | 91,684 | $ 5,120 |
| Pipe Covering and Cement | 95,804 | 5,279 | 779,719 | 52,902 |
| Textiles, Yarn and Pkg. | 63,914 | 38,644 | 55,103 | 28,814 |
| Brake Lining[2] | | | | |
| Not Molded | 150,853 | 32,528 | 117,161 | 17,824 |
| Molded and Semi-molded | ..... | 27,026 | ..... | 31,695 |
| Magnesia and Mfrs. of | 168,256 | 15,751 | 72,577 | 6,512 |
| Asbestos Roofing[3] | 677 | 4,531 | 1,134 | 2,135 |
| Other Manufactures | 48,616 | 10,299 | 43,771 | 5,725 |

[1] Exports one mo. behind imports. [2] Lin. ft. [3] Squares.

**Imports and Exports by England.**

*Imports of Raw Material.*

| | December 1931 | | December 1932 | |
|---|---|---|---|---|
| | Tons (2240 lbs.) | Value | Tons (2240 lbs.) | Value |
| From Africa (Rhodesia) | 756 | £18,349 | 595 | £11,954 |
| From Africa (Union of South) | 420 | 5,846 | 878 | 23,086 |
| From Africa (Port. E.) | 5 | 144 | ..... | ..... |
| From Austria | 24 | 150 | ..... | ..... |
| From Belgium | .... | 6 | 2 | 30 |
| From Canada | 343 | 5,785 | 556 | 5,875 |
| From Cyprus | 90 | 2,150 | 270 | 4,881 |
| From Finland | 25 | 225 | 11 | 74 |
| From Germany | 89 | 537 | .... | ... |
| From Russia | 19 | 548 | 15 | 399 |
| From U. S. of America | 71 | 1,016 | 25 | 221 |
| | 1,842 | £34,756 | 2,352 | £46,520 |
| Re-Shipments | 305 | 6,979 | 56 | 1,589 |

*Exports of Manufactured Asbestos Goods.*

| | | | | |
|---|---|---|---|---|
| To Netherlands | 62 | 3,303 | 100 | 6,814 |
| To France | 22 | 2,774 | 30 | 2,765 |
| To U. S. A. | 8 | 652 | .... | 191 |
| To Br. India | 232 | 6,383 | 538 | 12,926 |
| To Australia | 17 | 3,591 | 20 | 4,896 |
| To Other Countries | 997 | 45,248 | 602 | 39,229 |
| | 1,338 | £61,951 | 1,290 | £66,821 |

# ASBESTOS

**Exports of Raw Asbestos from Canada.**

| | December 1931 | | December 1932 | |
|---|---|---|---|---|
| | Tons (2000 lbs.) | Value | Tons (2000 lbs.) | Value |
| United Kingdom | 167 | $ 14,600 | 177 | $ 9,571 |
| United States | 2,215 | 106,271 | 2,552 | 111,211 |
| Australia | 50 | 3,000 | 40 | 2,000 |
| Belgium | 1,257 | 97,615 | 193 | 8,677 |
| France | 1,040 | 65,300 | 606 | 31,660 |
| Germany | 1,273 | 99,788 | 168 | 9,990 |
| Japan | 627 | 24,580 | 1,570 | 82,380 |
| Netherlands | 290 | 20,000 | 143 | 4,290 |
| | 6,919 | $431,154 | 5,449 | $259,779 |
| *Sand and Waste—* | | | | |
| United Kingdom | 170 | 3,407 | 165 | 3,231 |
| United States | 5,392 | 73,645 | 5,563 | 68,677 |
| New Zealand | .... | ..... | 2 | 35 |
| Belgium | 90 | 1,515 | 150 | 2,370 |
| France | 130 | 2,225 | 34 | 475 |
| Germany | 490 | 11,080 | 236 | 4,820 |
| Italy | 60 | 1,080 | ..... | ..... |
| Netherlands | 144 | 3,600 | 257 | 6,425 |
| Spain | ..... | ..... | 10 | 466 |
| | 6,476 | 96,552 | 6,417 | 86,499 |
| | 13,395 | $527,706 | 11,866 | $346,278 |

## SUMMARY FOR THE YEAR—IMPORTED INTO THE U. S. A.

*Unmanufactured Asbestos—By Countries.*

| | Year 1931 | | Year 1932 | |
|---|---|---|---|---|
| | Tons (2240 lbs.) | Value | Tons (2240 lbs.) | Value |
| Africa (Br. S.) | 735 | $ 94,110 | 491 | $ 48,209 |
| Africa (Port. E.) | 459 | 95,239 | 309 | 35,444 |
| Canada | 115,667 | 3,232,682 | 84,536 | 2,090,801 |
| China | 1 | 280 | ..... | ..... |
| Germany | 98 | 10,700 | ..... | 30 |
| Italy | 51 | 10,170 | 638 | 17,346 |
| Russia | 1,953 | 104,271 | .... | .... |
| United Kingdom | 851 | 166,465 | 337 | 35,628 |
| | 119,815 | $3,713,917 | 86,311 | $2,227,458 |
| *Unmanufactured—By Grades.* | | | | |
| *Africa (Br. S.)* | | | | |
| Crude | 735 | 94,110 | 491 | 48,209 |
| *Africa (Port. E.)* | | | | |
| Crude | 459 | 95,239 | 309 | 35,444 |
| *Canada* | | | | |
| Crude | 493 | 130,262 | 272 | 60,298 |
| Mill Fibre | 41,775 | 1,993,484 | 27,473 | 1,225,491 |

# ASBESTOS

| | Year 1931 Tons (2240 lbs.) | Year 1931 Value | Year 1932 Tons (2240 lbs.) | Year 1932 Value |
|---|---|---|---|---|
| Lower Grades | 73,399 | 1,108,936 | 56,791 | 805,012 |
| *China* | | | | |
| Crude | 1 | 280 | ..... | ..... |
| *Germany* | | | | |
| Crude | 96 | 10,633 | ..... | 30 |
| Mill Fibre | 2 | 67 | ..... | ..... |
| *Italy* | | | | |
| Crude | 27 | 9,855 | 327 | 13,454 |
| Mill Fibre | .... | ..... | 60 | 1,262 |
| Lower Grades | 24 | 315 | 251 | 2,630 |
| *Russia* | | | | |
| Crude | 1,953 | 104,271 | ..... | ..... |
| *United Kingdom* | | | | |
| Crude | 851 | 166,465 | 299 | 34,520 |
| Mill Fibre | ..... | ..... | 14 | 404 |
| Lower Grades | ..... | ..... | 24 | 704 |
| | 119,815 | $3,713,917 | 86,311 | $2,227,458 |

*Manufactured Asbestos (Imported into U. S. A.)*

| | Year 1931 Pounds | Year 1931 Value | Year 1932 Pounds | Year 1932 Value |
|---|---|---|---|---|
| *Yarn—* | | | | |
| Canada | ..... | ..... | 190 | $ 38 |
| Germany | 10,563 | $ 7,385 | ..... | ..... |
| United Kingdom | 34,781 | 13,234 | 11,089 | 4,032 |
| *Fabrics, Woven—* | | | | |
| Canada | 155 | 150 | ..... | ..... |
| Germany | 334 | 215 | 310 | 213 |
| Italy | 10 | 116 | ..... | ..... |
| United Kingdom | .... | 2,673 | ..... | ..... |
| *Packing, Fabric—* | | | | |
| France | 441 | 266 | ..... | ..... |
| Germany | 6,598 | 3,472 | 4,121 | 2,408 |
| Italy | 2,258 | 1,139 | ..... | ..... |
| United Kingdom | 23,846 | 14,706 | 13,901 | 6,034 |
| Czecho-Slovakia | ..... | ..... | 909 | 210 |
| *Packing, Not Fabric—* | | | | |
| Austria | 37,052 | 12,954 | 10,901 | 3,129 |
| Canada | 5,848 | 2,997 | 170 | 43 |
| France | 19 | 7 | 5,197 | 1,605 |
| Germany | 35,568 | 12,466 | 5,798 | 1,515 |
| Hungary | 1,873 | 1,018 | 1,104 | 369 |
| United Kingdom | 45,535 | 11,114 | 15,042 | 4,017 |
| *Shingles, or Slates of Asbestos Cement—* | | | | |
| Belgium | 527,490 | 9,621 | ..... | ..... |
| France | 1,082,461 | 11,475 | ..... | ..... |

# ASBESTOS

| | Year 1931 Pounds | Year 1931 Value | Year 1932 Pounds | Year 1932 Value |
|---|---|---|---|---|
| *Lumber of Asbestos Cement—* | | | | |
| None—See Articles in Part of Asbestos. | | | | |
| *Paper and Millboard—* | | | | |
| Canada | ..... | ..... | 9,878 | 339 |
| *Pipe Covering and Asbestos Cement—* | | | | |
| Canada | 1,935 | 118 | ..... | ..... |
| France | 851 | 76 | ..... | ..... |
| United Kingdom | 313,446 | 35,586 | ..... | ..... |
| *Brake and Clutch Lining, Woven—* | | | | |
| Canada | 25 | 12 | 84 | 32 |
| Germany | 55,332 | 12,528 | 21,006[1] | 4,105 |
| United Kingdom | 1,205 | 695 | 2,784[2] | 1,517 |
| *Brake and Clutch Lining, Molded, Pressed or Formed—* | | | | |
| Canada | 15 | 12 | ..... | ..... |
| Germany | 148 | 93 | ..... | ..... |
| United Kingdom | ..... | .... | 4,167 | 1,885 |
| [1]Also 1400 lin. ft. [2]Also 1324 lin. ft. | | | | |
| *Articles in Part of Asbestos—* | | | | |
| Canada | 119,845 | 4,398 | 16,067 | 1,324 |
| Belgium | 5,900 | 177 | ..... | ..... |
| France | 17,431 | 542 | 75,806 | 1,647 |
| Italy | 60,153 | 1,701 | ..... | ..... |
| United Kingdom | 7,092 | 337 | ..... | ..... |
| *Other Manufactures—* | | | | |
| Canada | 2,425 | 235 | 48 | 18 |
| Germany | 3,220 | 327 | 808 | 204 |
| Switzerland | 10 | 45 | ..... | ..... |
| United Kingdom | 67,820 | 6,307 | ..... | ..... |
| | 2,471,685 | $168,197 | 199,380 | $34,684 |

## SUMMARY FOR THE YEAR—CANADA

*Exports of Raw Asbestos from Canada.*

| | Year 1931 Tons (2000 lbs.) | Year 1931 Value | Year 1932 Tons (2000 lbs.) | Year 1932 Value |
|---|---|---|---|---|
| United Kingdom | 1,801 | $ 140,024 | 1,420 | $ 82,567 |
| United States | 46,002 | 2,171,000 | 27,392 | 1,274,646 |
| Australia | 304 | 20,010 | 451 | 24,800 |
| Belgium | 7,831 | 533,737 | 1,080 | 49,707 |
| France | 3,327 | 244,380 | 2,360 | 150,911 |
| Germany | 4,714 | 399,584 | 1,969 | 117,148 |
| Italy | 1,264 | 116,359 | 666 | 48,162 |
| Japan | 4,539 | 227,803 | 6,683 | 338,576 |
| Mexico | 50 | 3,500 | ..... | ..... |
| Netherlands | 977 | 67,840 | 421 | 17,300 |
| Spain | 94 | 5,080 | 219 | 11,323 |
| | 70,903 | $3,929,317 | 42,661 | $2,115,140 |

**Summary for Canada—(Continued)**

| | Year 1931 | | Year 1932 | |
|---|---|---|---|---|
| | Tons (2000 lbs.) | Value | Tons (2000 lbs.) | Value |
| *Sand and Waste—* | | | | |
| United Kingdom | 1,015 | 22,492 | 1,151 | 25,830 |
| United States | 83,082 | 1,130,159 | 65,618 | 901,927 |
| Belgium | 920 | 15,325 | 666 | 11,729 |
| France | 535 | 10,575 | 356 | 5,979 |
| Germany | 1,568 | 34,717 | 733 | 13,934 |
| Italy | 199 | 4,555 | 121 | 2,771 |
| Japan | 193 | 4,353 | 297 | 3,455 |
| Netherlands | 870 | 21,380 | 664 | 18,385 |
| Spain | 10 | 200 | 10 | 466 |
| Argentina | 17 | 192 | .... | ..... |
| Br. India | 90 | 990 | 60 | 570 |
| Mexico | .... | ..... | 30 | 330 |
| Cuba | .... | ..... | 30 | 330 |
| New Zealand | 1 | 10 | 3 | 59 |
| Porto Rico | 30 | 330 | 30 | 330 |
| Peru | 5 | 48 | .... | ..... |
| | 88,535 | $1,245,326 | 69,769 | $986,095 |
| | 159,438 | $5,174,643 | 112,430 | $3,101,235 |

**SUMMARY FOR THE YEAR — ENGLAND**

*Imports of Raw Material.*

| | Year 1931 | | Year 1932 | |
|---|---|---|---|---|
| | Tons (2240 lbs.) | Value | Tons (2240 lbs.) | Value |
| Africa (Rhodesia) | 7,994 | £220,230 | 7,182 | £165,094 |
| Africa (Union of South) | 5,653 | 141,838 | 5,612 | 114,787 |
| Africa (Port. E.) | 67 | 1,595 | 49 | 14 |
| Australia | 99 | 909 | 14 | 1,759 |
| Austria | 34 | 212 | 25 | 160 |
| Belgium | 6 | 120 | 2 | 30 |
| Canada | 2,651 | 38,302 | 2,353 | 30,382 |
| China | .... | ..... | ..... | 9 |
| Cyprus | ..... | ..... | 1,451 | 26,707 |
| Egypt | .... | ..... | 1 | 22 |
| Finland | 65 | 626 | 121 | 955 |
| France | 12 | 327 | 77 | 1,052 |
| Germany | 204 | 3,174 | 322 | 2,862 |
| Italy | 42 | 932 | 60 | 2,617 |
| Irish Free State | 1 | 10 | ..... | ..... |
| Malta | 669 | 15,794 | ..... | ..... |
| New Zealand | 1 | 10 | ..... | ..... |
| Soviet Union (Russia) | 2,075 | 42,483 | 306 | 8,524 |
| Spain | 83 | 1,600 | ..... | ..... |
| United States of America | 1,475 | 24,919 | 552 | 6,391 |
| | 21,131 | £493,081 | 18,127 | £361,365 |

**Summary for England—(Continued)**

| | Year 1931 Tons (2240 lbs.) | Value | Year 1932 Tons (2240 lbs.) | Value |
|---|---|---|---|---|
| *Exports of Manufactured Asbestos Goods:* | | | | |
| To Netherlands | 732 | £ 54,117 | 440 | £ 38,152 |
| To France | 500 | 48,846 | 276 | 30,169 |
| To U. S. A. | 50 | 9,234 | 14 | 4,854 |
| To Br. India | 4,743 | 112,637 | 2,527 | 85,520 |
| To Australia | 172 | 29,677 | 254 | 47,787 |
| To Other Countries | 15,201 | 618,385 | 10,868 | 518,019 |
| | 21,398 | £872,896 | 14,379 | £724,501 |

**Production Statistics—Continued from Page 31**

*Production of Canada by months for 1932, comparing with 1931*[1]*:*

| | 1931 Tons | 1932 Tons | | 1931 Tons | 1932 Tons |
|---|---|---|---|---|---|
| January | 12,807 | 10,190 | July | 13,597 | 7,171 |
| February | 13,147 | 7,706 | August | 13,079 | 9,331 |
| March | 13,114 | 8,937 | September | 15,876 | 11,001 |
| April | 13,924 | 9,972 | October | 16,546 | 13,232 |
| May | 12,106 | 8,830 | November | 14,068 | 11,616 |
| June | 11,047 | 7,977 | December | 10,523 | 14,478 |
| | | | | 159,834 | 120,441 |

[1] Ton — 2,000 lbs.

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The Union of South Africa has gone off the gold standard. This was announced on December 29, 1932, and is the cause of much rejoicing in South African mining circles.

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The "Century of Progress" Exposition in Chicago, is guarding against fire by the simple method of having the buildings constructed of asbestos cement material. This applies to the administration and other of the Fair buildings, as well as that of Johns-Manville.

In the Market for Large or Small Quantities of
Metallic Yarn Waste—AsbestosTextile Waste — Scrap Cloth
Yarn Cuttings — Loom Sweepings — Cardroom Strippings
V. LEONARDIS & SONS
47-49-51 Adams Street NEWARK, N. J.

# PRODUCTION STATISTICS

## Africa (Rhodesia).

(Statistics published by Rhodesia Chamber of Mines)

| | November 1932 Tons (2000 lbs.) | Value | |
|---|---|---|---|
| *Bulawayo District* | | | |
| Nil Desperandum (Afr. Asb. Mng. Co. Ltd.) | 269.00 | £3,362 | 10 .. |
| Shabanie (Rho. & Gen. Asb. Corp. Ltd.) | 1,750.27 | 21,878 | 7 6 |
| *Victoria District* | | | |
| King & Gath's Rho. & Gen. Asb. Corp. Ltd.) | 500.10 | 6,251 | 5 .. |
| | 2,519.37 | £31,492 | 2 6 |

## Africa (Union of South)

(Statistics Published by Dept. of Mines and Industries of U. of S. A.)

| | November 1931 Tons (2000 lbs.) | Value | November 1932 Tons (2000 lbs.) | Value |
|---|---|---|---|---|
| *Transvaal* | | | | |
| Amosite | 165.60 | £ 1,610 | 80.10 | £ 801 |
| Chrysotile | 934.00 | 10,847 | 495.00 | 1,120 |
| *Cape* | | | | |
| Blue | 224.28 | 4,777 | 216.00 | 3,941 |
| | 1,323.88 | £17,234 | 791.10 | £5,862 |

## Canada.

(Published by Dominion Bureau of Statistics)

| *Production—Divided by Grades* | December 1932 Tons (2000 lbs.) | Year 1932 Tons (2000 lbs.) |
|---|---|---|
| Crude No. 1 | 17 | 144 |
| Crude No. 2 | 15 | 315 |
| Other Crudes | .... | 35 |
| Spinning Stocks | 425 | 5,865 |
| Shingle Stocks | 4,115 | 20,621 |
| Paper Stocks | 2,724 | 20,788 |
| Waste, Stucco or Plaster Materials | 1,777 | 23,510 |
| Refuse or Shorts | 5,405 | 49,163 |
| | 14,478 | 120,441 |
| By-Products (sand, gravel, etc.) | 32 | 3,467 |

*Production for December 1931 — 10,523*
*Production for the Year 1931 — 159,834*

(Continued on Page 30)

# NEWS OF THE INDUSTRY

**Birthdays.** The following gentlemen will celebrate their birthdays during the coming thirty days: Clarence E. Witherspoon, President, Asbestos Construction Co., Inc., New York City, February 20th; E. M. Rogers, President, Rogers Asbestos Co., Inc., Houston, Texas, February 24th; W. A. Godfrey, Secretary, and Manager, Cape Asbestos Co., Ltd., London, England, March 1st; J. P. O'Malley, Secretary, Standard Asb. Mfg. Co., Chicago, Ill., March 1st; E. J. Wilson, President, Elwood J. Wilson, Inc., New York City, March 7th; P. M. Taft, President, P. M. Taft Asbestos Co., Holyoke, Mass., March 9th. To all of these gentlemen we extend congratulations and the best of wishes.

**Asbestos Insulating & Roofing Co., Inc.,** of Fort Wayne, Ind., filed articles of incorporation on January 20th. Mrs. Elsie Warren, Edward E. Granlund and Edwin R. Thomas are the incorporators. The company will deal in all types of roofing and insulation for boilers and industrial plants, as well as for homes and garages. It will also handle a line of asbestos products. The company has been in operation for two months, incorporation having been delayed until completion of internal organization. At the present time the company employs seven persons.

**"The Manufacture of Porous Cells"** an article which appears in the January 7th issue of the India Rubber Journal, will no doubt be of interest to many in the Asbestos Industry.

**Russell Manufacturing Co.,** of Middletown, Conn., announces thru W. T. Palmer, Manager of the Replacements and Equipment Departments, the following changes in its field staff:

C. A. Richards, who has long acted as assistant manager of the Pacific Coast Division, has been transferred to Atlanta, Ga., as manager of the Southeast Division with headquarters at 547 Peachtree Street.

Mr. Richards replaces G. N. Shoop, who has been transferred to Detroit as manager of the Detroit division, at 411 Central Detroit Warehouse.

D. L. Taylor, formerly advertising and sales promotion manager, has been promoted to manager of the Middletown Division with headquarters at the main Rusco factory at Middletown.

W. S. Ray, who has been assistant Manager of the Southeastern Division, has been transferred to the Middletown factory and promoted to advertising and sales promotion manager of the Replacements Department.

The Russell Manufacturing Company, as most of our readers know, manufacture brake linings and other automotive products.

# BLUE ASBESTOS

The "CAPE" quality of blue crocidolite, owing to great tensile strength, volume, and acid-resisting properties, has been proved to be the world's finest material for:-

(1) High Temperature Insulation
(2) Bulkheads and Fireproof Partitions
(3) Asbestos Cement Pipes
(4) Textiles
(5) Electrode Wrappings for Arc Welding

# AMOSITE ASBESTOS

owing to its great length of fibre, is ideal both in economy and efficiency as a constituent for:-

**85% MAGNESIA COVERINGS**

Magnificent success has been achieved with the latest specialty in Amosite material, viz:-

**100% AMOSITE SECTIONAL PIPE COVERINGS**

AND BOILER CASINGS FOR BOTH MARINE AND POWER PLANT INSTALLATIONS

Address Enquiries to the Mine Owners and Manufacturers::

The Cape Asbestos Co Limited

Morley House 26-30 Holborn Viaduct London E.C.1.

Factory, Barking, Essex

# ASBESTOS

**Ausbestos Limited** is the name of a new company incorporated under this title, registered in Australia on October 1st, 1932, with a capital of £1,000 to acquire and take over as a going concern from O. C. Menzel and O. C. T. J. Gohl of Hilton, the business of manufacturing asbestos goods and insulating materials in all its branches. The registered office is at 127 South Road, Hilton, South Australia.

**The Multibestos Company** of Cambridge, Mass., has announced its "tailored sets" of brake lining. These sets consist of the kind of brake lining required for the various types of brakes, each type of brake requiring a different sort of lining, and in some cases two different kinds of lining are used on the same brake, one for the primary and an entirely different one for the secondary shoe.

**Montana Asbestos Mine.** The machinery, plant and equipment of the Montana Asbestos Mine (Rhodesia) have been removed from the mine.

**Deutsche Asbestzement A. G.** Altho a definite decision has not yet been taken, there are good prospects of a further notable consolidation taking place in the near future in the German asbestos cement industry thru the acquisition by the Deutsche Asbestzement A. G. of Berlin of the Fulgurite Works Seelze & Eichriede, of Wunstorf. Negotiations have been in progress for some time past regarding the proposed consolidation and there are increasing indications of its ultimate consummation.

If the fusion eventuates, it will mark a further chapter in the trend toward concentration of the German asbestos cement industry under the domination of the Duetsche Asbestzement A. G. and will remove from the field of competition a further independent producer. The Deutsche Asbestzement A. G. in the latter part of 1930 acquired the Deutsche Eternit G. m. b. H. of Hamburg, thru purchase from the Calmon group. The Fulgurite Works are reported to have a productive capacity equal to around one-third or one-fourth that of the Deutsche Asbestzement A. G. It is reported that the Deutsche Asbestzement A. G., would take over only the plant and firm name and trade mark of the Fulgurite Works, against the exchange of its capital stock in an amount of around one-half million marks, outstanding assets and obligations of the purchased concern not being included.

**The Fibre Plastics Corporation** of Portsmouth, N. H., expects to be in full commercial production on or before April 1st. This Coporation will manufacture asbestos cement by a new process, and other plastic products. Samples will be on display in the office of "ASBESTOS" after April 1st. We expect to publish full information concerning the products and processes of The Fibre Plastics Corporation in our March number.

**Keasbey & Mattison Co.** of Ambler, Pa., held their annual District Managers' Sales Conference at the Penn Athletic Club, Philadelphia, Jan. 16th, 17th and 18th. The meeting was attended

by the following District Managers and their assistants: New York District, Thos. A. Blagden, Jr., Manager, J. C. Huss, Mgr. Power Products Dept,; F. G. Bartz, Manager Bldg. Materials Dept.; Boston District, H. J. Dougan, Manager, A. H. Burdick, Mgr. Power Products Dept.; Philadelphia District, H. F. Miller, Manager; Baltimore District, S. H. Wellschlager, Manager, and F. T. Crow, Manager Bldg. Materials Dept.; Pittsburg District, R. A. Sarricks, Manager; Cleveland District, F. W. Baetzel, Manager, F. W. Decker, Manager Power Products Dept.; Chicago District, R. C. Nelson, Manager, J. R. Adams. Mgr. Bldg. Materials Dept.; Minneapolis District, J. H Brown, Manager; St. Louis District, D. W. Widmayer, Mgr., H. B. Waterman, Mgr. Power Products Dept.

The meeting was presided over by A. S. Blagden, President and W. J. Donahue, Vice President. G. F. Stone, Sales Manager of the Company, was the permanent Chairman of the three day meeting.

Talks on new products and new merchandising policies were given by H. H. Heckroth, Manager of Power Products Division and Wm. A. Harris, Manager of Building Materials Division, at Ambler, ably assisted by the Department Managers from Ambler Headquarters.

**Keasbey & Mattison Co.** F. W. Decker on January 1st was appointed Manager of the Power Products Department of the Cleveland District. Mr. Decker replaced G. P. Grossman who has been assigned to other duties.

Charles Stolp has been appointed Manager of the Building Materials Department of the Chicago and Minneapolis Districts. He will have headquarters in Chicago. Mr. Stolp has had wide experience in the distribution of Building Materials.

**Russell Manufacturing Co.** of Middletown, Conn., announce the establishment of Rusco Brake Schools, managed by A. C. Teetsel, road testing engineer of the Rusco laboratory at the main factory, and inaugurated to place in the hands of brake mechanics the specific and accurate knowledge of brake lining manufacture, operation and adjustment. The first school was held last December in Middletown; other schools will be held in various parts of the country during the next several months.

**Vermont Asbestos Corporation** announce the removal of their Boston Office to 82 Devonshire St. They were formerly located at 89 Broad Street. Their main office continues to be at Hyde Park, Vt.

**"Bleaching Asbestos"** is the subject of an article in the January 14th issue of The India Rubber Journal.

## ASBESTOS

**Johns-Manville Corporation.** Around the first of April, Johns-Manville, now located at 292 Madison Avenue, New York City, will move its General Headquarters to 22 E. 40th Street, at the southeast corner of Fortieth Street and Madison Avenue, occupying, in their new quarters, over 50,000 square feet of office space.

One of the most interesting features of the move is that it provides Johns-Manville with an opportunity to work out unusual and interesting applications of their own building materials in the construction of their new quarters. Many of the building materials manufactured by Johns-Manville are applicable to office use and these materials are being utilized, wherever possible, in the construction of model offices which later will be used for Sales Display purposes. These offices will show the various Johns-Manville products under actual service condtions and in surroundings specially designed to display them to best advantage.

All partitioning and walls will be of the new fireproof, Johns-Manville Transite Asbestos Partition construction. In special executive offices various decorative finishes applicable to this material will be used. The decorative design work is being planned under counsel of Shreve, Lamb and Harmon, Architects, and every effort is directed toward working out the most economical and decorative methods of employing Johns-Manville materials in office construction.

Wherever possible, flooring will be of Johns-Manville Asphalt Tile in various designs and color combinations.

All areas will be acoustically treated with Johns-Manville acoustical Materials, varying the treatment with the requirement of the space.

Wiring and telephone connections will be run over the acoustically hung ceiling, and it is estimated that a large part of the expense of erection will be offset and saved by the simplicity and greater ease of change in electric work.

Particular study has been given to the matter of illumination and ventilation. The entire office area on all floors will be air-conditioned. Equal care is being taken with illumination and testing of various methods of insuring adequate lighting facilities in all spaces is being conducted. Illumination of at least 12 candle measurement at desk height will be maintained thruout the new quarters.

Efficiency of operation and increased comfort of personnel has been stressed thruout. The carefully planned use of Johns-Manville materials is expected to prove doubly effective, both on the score of material comfort and in making these quarters a new standard of good taste in modern office equipment and design.

**Kelley Asbestos Products Company,** has been organized by David E. Kelley, formerly Vice President and General Manager of the R. V. Aycock Company, and headquarters of the Company are at 2010 McGee Street, Kansas City, Mo.

Mr. Kelley has been in the Asbestos Industry for twenty years, starting in the construction department of Johns-Manville at Kansas City, in September 1912.

The Kelley Asbestos Products Company will distribute all kinds of asbestos products, and render engineering and contracting service.

## AUTOMOBILE PRODUCTION

Automobile production for the year 1932 totalled 1,431,544, this figure covering both the United States and Canada.

The total for 1931 was 2,472,359, and for 1930 3,510,178.

## PATENTS

**Laminated Sheet Material.** Granted on October 18th to Charles J. Beckwith, Brooklyn, N. Y., assignor to Johns-Manville Corporation. Filed July 29, 1930. Serial No. 471,465.

Described as a composite board comprising face laminae of densely compacted Portland cement and asbestos fibres, providing material of high compressive and tensile strength, the face laminae being capable of limited flexing to opposed major stresses, an intermediate cushioning lamina of felted fibrous insulating material adhesively bonded to the face laminae so that the board acts as a unit of resisting stress, the cushioning lamina having a yieldability sufficient to permit to form to the flexing of the face laminae, whereby breaking down of the bonding connection between the laminae is avoided even under high stresses.

**Art of Making Paper and Felted Sheet Materials.** No. 1,833,144. Granted on October 18th to Melvin R. Ware, Baltimore, Md., assignor to Johns-Manville Corporation, New York. Filed October 14, 1929. Serial No. 399,656. Description upon request.

**Pipe Wrapping Apparatus.** No. 1,883,401. Granted on October 18th to Eugene L. Rolfs, Dallas, and Charles W. Fuller, Houston, Texas. Assignors to Johns-Manville Corporation. Filed Feb. 8, 1930. Serial No. 426,820. Description upon request.

**Packing and Process of Manufacturing.** No. 1,886,993 Granted on November 8th to Herbert Stanley Walker, Mamaroneck, N. Y. Assignor to Allpax Company. Filed July 23, 1928. Serial No. 294,643.

Described as a composite, loose, substantially dry rod of shaft packing having substantially 98% of its mass formed of soft metal fragments, yieldable fibre and lubricant and having substantially 2% of said mass formed of unvulcanized rubber, acting primarily as a binder instead of a space filler.

**Brake Lining.** No. 1,887,981. Granted on November 15th, to Adolph Rosner, South Bend, Ind., assignor to Bendix Brake Co., S. Bend, Ind. Serial No. 491,500. Filed Oct. 27, 1930.

Described as a friction facing comprising a woven fabric matrix impregnated with cyanide salt, castor oil, synthetic resin and lead.

**Insulating Paper.** No. 1,887,726. Granted on November 15th to Louis Weber, Chicago, Ill. Filed Feb. 14, 1930. Serial No. 428,492.

Described as a heat insulating paper comprising interlaced slag wool and asbestos fibres and a binder.

**Packing and Process.** No. 1,889,165. Granted on November 29th to Herbert Stanley Walker, Larchmont, N. Y., assignor to the Allpax Co., Inc., Mamaroneck, N. Y. Filed Mar. 29, 1930. Serial No. 440,053.

Described as a process of mfg. packing rope comprising the steps of forming a dough embodying long stable fibre, extruding the fibre carrying dough thru a die and twisting said fibre carrying dough incident to extrusion to provide a strongly bonded product.

**Packing and Method of Forming.** No. 1,889,287. Granted on November 29th to Clarence D. McPherson, Philadelphia, Pa., assignor to Clarence D. McPherson and Eugene S. Heiberger, trading as the Tar-Rid Chemical Co., Philadelphia. Filed July 17, 1930. Serial No. 468,643.

Described as method for forming a loose packing material which comprises heating lead to a molten condition, dropping the molten lead upon the surface of a body of liquid to cause the highly heated molten lead to spread out to an attenuated and porous form, having irregular and ragged edges, highly heating heavy lubricating oil, pouring such highly heated oil upon shredded asbestos, undergoing agitation under mild heat conditions, whereby the asbestos will rapidly take up great quantities of the heavy oil and adding graphite and the attenuated porous lead pieces to the oil saturated asbestos during agitation under mild heat.

**Brake Lining.** No. 1,891,186. Granted on December 13th to Carl F. Ogren, Trenton, N. J., assignor to Thermoid Rubber Co., of Trenton. Filed June 4, 1929. Serial No. 368,408. Description upon request.

**Composite Friction Block.** No. 1,891,723. Granted on December 20th to Izador J. Novak of Bridgeport, Conn., assignor to Raybestos Manhattan, Inc. Filed May 17, 1930. Serial No. 453,410.

Described as in a friction mechanism, a composite block comprising a wearing face layer of relatively low density comprising unwoven asbestos and a reinforcing back layer of relatively higher density comprising bonded asbestos, the frictional coefficient of the back being equal to or greater than the kinetic frictional coefficient of the face.

**Brake Lining.** No. 1,892,625. Granted on December 27th to Carl F. Ogren, Trenton, assignor to Thermoid Rubber Co., Trenton, N. J. Filed June 4, 1929. Serial No. 368,407.

Described as a strip of brake lining comprising a fabric frictioned with rubber and skimmed on at least one of its surfaces with a rubber sheet.

**Asbestos Cement Building Material.** No. 1,893,783. Granted on January 10th to Wm. J. Moeller, Mount Healthy, Ohio., assignor to Philip Carey Mfg. Co., Lockland O. Filed June 25, 1928. Serial No. 288,085.

Described as an article of manufacture, an integral sheet formed from a plurality of laminations, each lamination containing a mixture of fibre and cement materials, one of the laminations containing weather resisting particles of material of a color contrasting in color to the lamination and forming an exposible surface having areas formed by said particles and adjacent areas formed by the body of the top lamination.

## TRADE MARKS

(This information is supplied by the National Trade Mark Co., Munsey Bldg., Washington, D. C., who will conduct free of charge an advance search on any trade mark our readers may contemplate adopting).

**Pioneer Asbestos.** Serial No. 327,998. Floyd R. Biggs, doing business as Pioneer Asbestos Co., St. Louis, Mo. For brake linings. Passed on January 3rd.

**Zerolite.** Serial No. 331,000. Johns-Manville Corporation, New York City. For thermal insulation materials. Passed on Jan. 3rd.

**Timbertex.** Serial No. 331,346. The Ruberoid Co., Bound Brook, N. J. For asbestos cement shingles.

**Rex-Hide.** Serial No. 332,860. Rex-Hide Rubber Mfg. Co., East Brady, Pa. For molded friction linings for brakes and clutches, made principally of asbestos mineral wear-resisting materials, including a minor weight proportion of gas black and hardened binder including rubber. Passed on Jan. 24th.

**Servbestos.** Serial No. 332,667. Thermoid Rubber Co., Trenton, N. J. For brake linings. Passed on Jan. 24th.

## ASBESTOS STOCK QUOTATIONS

(Figures supplied thru the courtesy of Edward G. Wyckoff and Company, 1528 Walnut Street, Philadelphia, Pa.)

| | | | January 1933 | | |
|---|---|---|---|---|---|
| | Par | Div. | High | Low | Last |
| Asb. Corp. (Com.) | np | – | ⅛ - ½ | Nominal-Quote | |
| Asb. Corp. (Pfd.) | 100 | 7 | ⅛ - ½ | Nominal-Quote | |
| Carey (Com.) | 100 | 5 | Quote 40 - 43 | | |
| Carey (Pfd.) | 100 | 7 | Quote 69 - 75 | | |
| Certainteed (Com.) | np | – | 1⅜ | ⅞ | 1¼ |
| Garlock Packing (Pfd.) | np | – | No Sales | | |
| Garlock Pkg. (Bonds) | 100 | 6 | 71 | 70 | 71 |
| Johns-Manville (Com.) | np | – | 23¾ | 19¼ | 21½ |
| Johns-Manville (Pfd.) | 100 | 7 | 71½ | 57¼ | 71 |
| Raybestos-Manhattan Inc. (Com.) | np | 1 | 7½ | 6 | 7½ |
| Ruberoid (Com.) | np | 4 | Quote 15 - 20 | | |
| Thermoid (Com.) | np | – | 1⅞ | 1⅛ | 1½ |
| Thermoid (Pfd.) | 100 | 7 | No Sales | | |
| Thermoid (Bonds) | 100 | 6 | 43 | 40 | 42 |

# The Engineer's "IF"

Published and, we believe, composed by Bell's Asbestos and Engineering Supplies Limited, with apologies to and a sincere respect and regard for Mr. Rudyard Kipling.

If you would hold your steam when all about you
Are losing theirs and "blowing off" on you;
If you would be quite sure, though foremen doubt you,
That glands are tight and rods are running true;
If you would state, and be quite sure in stating,
That surface loss can't make your coal bill rise,
Or being rated, never lose your rating,
And yet not risk a journey to the skies;

If you would steam and not make steam your master;
Or superheat — and keep your servant tame,
Work at a thousand pounds nor court disaster
From blown out joints that often kill or maim;
If you can't bear to hear a bad word spoken
When twist drills fail, although your men aren't fools,
Or watch the things you've paid hard cash for, broken,
And see your workshops full of worn-out tools;

If you would be quite certain of your winnings
Nor risk them on a turn of pitch-and-toss,
Nor have to start again at your beginnings,
And scrap your plant to try and cut your loss;
If you would wear a hose to the last sinew
To serve your turn when half the plies are gone;
If you would go to lunch with peace within you
Knowing your lubricants will "Carry on";

If you require a belt to keep its virtue
However hard a fool may use the clutch;
If either damp or acid fumes can hurt you.
If you would see rust vanish at a touch;
If you require delivery to the minute,
Of anything that helps a plant to run;
Come to Bell's stock for everything that's in it,
And, which is more, you'll get the best, my son!

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PIPE & BOILER
COVERINGS.

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TEMPERATURE
INSULATION AND
CEMENTS.

SEVERAL VALUABLE
TERRITORIES
OPEN FOR
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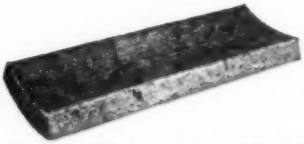

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PLASTICS - MOULDED PRODUCTS
BOILER COVERING CEMENTS

• • •

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